

RS800ER / RS801

REMOTE ENGINE STARTING SYSTEM

OPERATING INSTRUCTIONS

CONGRATULATIONS on your choice of a CoolStart™ Remote Engine Starter by Crimestopper Security Products Inc. This booklet contains the information necessary for using & maintaining your remote start system. If any questions arise, contact your installation dealer or Crimestopper Security Products Inc. at (800) 998-6880.

OPERATION CAUTIONS & WARNINGS

CRIMESTOPPER SECURITY PRODUCTS, INC. and its **VENDORS** shall not be liable for any accident resulting from the use of this equipment. This system is designed to be professionally installed onto a vehicle in which all items, such as parking brake and all associated components, door switches, transmission shift linkage, throttle linkage, and all engine safety features, are in perfect working condition.

DO NOT install this Remote Engine Starting System on MANUAL TRANSMISSION vehicles. If accidentally left in gear the vehicle could become a self-propelled threat to life and property.

IT IS ABSOLUTELY THE OWNER'S SOLE RESPONSIBILITY TO: A) Understand the operation of this system and its safety features. B) Check for proper operation of these safety features prior to accepting delivery of the vehicle from the installation facility. C) Check and maintain the condition of the vehicle and all items relative to the proper operation of this system and its safety features. D) Always leave the doors and windows closed and locked to protect against accident and theft.

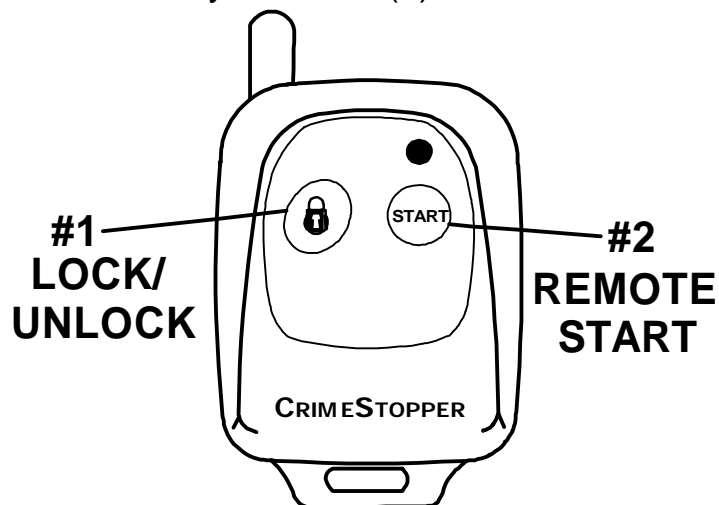
DO NOT remote start the vehicle in a closed garage. Make sure that the garage door is open or there is adequate ventilation. Failure to observe this rule could result in **injury or death** from poisonous Carbon Monoxide fumes.

IT IS ABSOLUTELY THE OWNERS SOLE RESPONSIBILITY TO: make certain the vehicle PARKING BRAKE is properly adjusted and will hold the vehicle securely in all parking conditions, and to periodically check and maintain proper adjustment.

This device complies with FCC Rules part 15. Operation is subject to the following two conditions: 1) This device may not cause interference, and (2) this device must accept any interference that may be received, including interference that may cause undesired operation. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. Such modification could void the user's authority to operate the equipment.

OPERATING THE REMOTE TRANSMITTER (RS800 ONLY)

The transmitter supplied with this RS800 system has (2) buttons / channels.

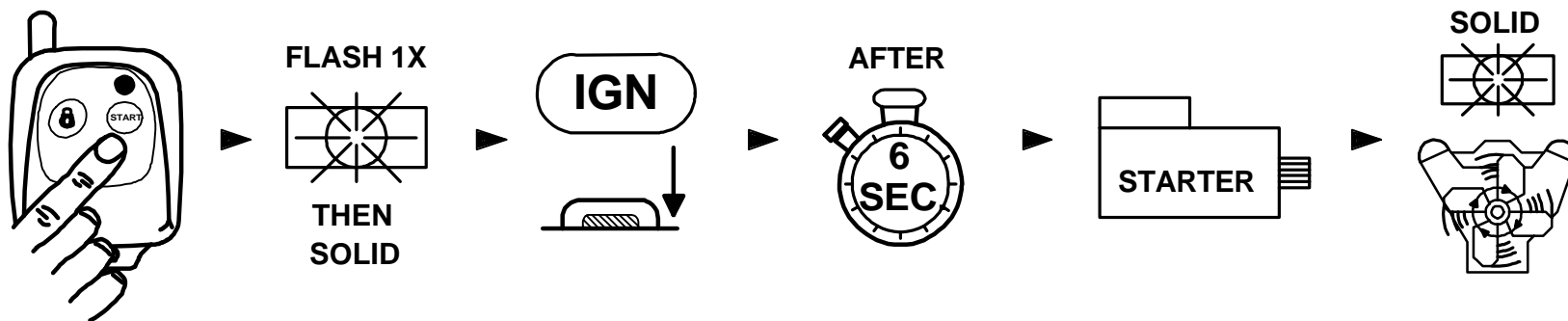


NOTE: When using the optional Starter Disable feature without power door locks, be certain to install the supplied L.E.D. which will be your **only** indication that the Starter Disable is active. You must press the UNLOCK button on the transmitter if the L.E.D. is flashing or the vehicle will not start.

REMOTE ENGINE CONTROL

REMOTE ENGINE STARTING - SUCCESSFUL START:

- 1) Press remote start button or for RS801 model, activate the Green Start input wire.
- 2) Parking lights flash once, then turn ON along with the IGN/ACC circuits
- 3) After 6 seconds Starter Motor engages. (Parking lights and Acc circuits turn off while cranking.)
- 4) Engine Starts and Runs. Parking Lights and Acc turn back on, Doors Lock.
- 5) Engine will remain running for programmed run time or until reset with Brake pedal. If needed, the engine can be turned off with remote transmitter or for RS801 model, activating the Green Start input wire again.



REMOTE ENGINE CONTROL

REMOTE ENGINE STARTING - UNSUCCESSFUL START

In the event that the engine does not start on the first attempt, the system shuts down for a few seconds, then attempts to restart the engine a 2nd and 3rd time. For hard starting engines, the unit will allow a starter crank time of up to 13 seconds maximum. This should provide ample cranking time for difficult starts, but is limited to 13 seconds to help prevent damage to the starter from over cranking in the case of a malfunctioning unit.

- 1) If engine starts on 2nd or 3rd attempt, see steps 4 & 5 above of "Successful Start".
- 2) If Third attempt fails to start engine, the system will turn off and doors will remain locked. *NO FURTHER ATTEMPTS WILL BE MADE AUTOMATICALLY*

TURNING OFF A REMOTE STARTED ENGINE:

- 1) Engine is running in Remote Start (Parking lights are ON).
- 2) Press the Remote Start button again or for RS801 model, activate Green Start input wire.
- 3) Engine turns & parking lights OFF, Doors remain locked or will re-lock/re-arm if applicable.

CONVENIENCE AND SAFETY FEATURES

KEYLESS ENTRY (POWER DOOR LOCK CONTROL WITH RS800)

This system enables you to remotely lock and unlock the vehicle's doors (if equipped with power locks) through the transmitter for safety and convenience. This feature may require extra labor and/or parts to install.

REMOTE LOCK / UNLOCK (RS-800 ONLY)

- 1) Press the Lock/Unlock button on the transmitter as you leave or come near the vehicle.
- 2) Parking lights will flash once for lock and twice for unlock. If vehicle is remote started, engine will remain running and lights will flash but return to solid indicating engine is still being controlled by the remote starter.

NOTES: *Doors lock automatically when vehicle is Remote Started. Starter Disable/Anti-grind is also enabled/disabled with the lock/unlock button. If an anti-grind/starter kill relay is installed on a vehicle without power door locks, the lock/unlock button of the remote control must still be used to operate the Starter disable.*

VALET MODE / STARTER DISABLE OVERRIDE

Before servicing your vehicle or handing the keys over to a Valet we recommend putting the unit into valet mode. The remote start function WILL NOT operate when in Valet mode. To enter Valet mode, turn the key to the ON position, press and hold Program/Valet switch for 6 seconds. The LED will turn on solid and the system is now in valet. Perform this procedure again to exit of Valet mode. The keyless entry will still function normally while in valet mode. In the event of a lost or broken transmitter, perform this step to override the Starter Disable (If installed).

CONVENIENCE AND SAFETY FEATURES

HOOD OPEN SAFETY SWITCH

Prevents the engine being Remote Started when hood is open and will abort a remote start if running. Eliminates risk of injury to someone working under the hood of the vehicle. If a Remote Start is requested with the hood open, the lights will flash twice, Ignition will not turn on, and the unit will not attempt a start.

BRAKE PEDAL RESET CIRCUITRY

Prevents starting or shuts off a remote started vehicle when this circuit is active or activated. Prevents unauthorized tampering. This circuit shuts the system down immediately when brake pedal is pressed if key is not in ignition and turned to the RUN position.

ANTI-GRIND / STARTER DISABLE

Prevents the driver from accidentally grinding the starter if the Ignition key is turned too far (to the start position) while engine is already running from the remote starter. Starter circuit is automatically disabled when doors are locked using remote (RS800 model only) as an added security feature.

NOTE:

In the event of a major malfunction, performing electrical service or jumpstarting the vehicle you should remove the main Power Fuse(s) to protect the unit from possible damage.

TRANSMITTER PROGRAMMING (RS800ER ONLY)

TRANSMITTER PROGRAMMING:

Note: All transmitter codes must be learned at time of programming!! The RS800 allows storage of up to 4 different transmitter codes.

1. Open Hood.
2. Turn key to the ON position.
3. Press Programming button 4 times. After a few seconds, the unit will flash the parking lights 4 times.
4. Press button #1 of the transmitter to be coded. You should get 2 light flashes indicating the unit is waiting for a 2nd code, then press button #1 of a second transmitter, the unit will flash 3 times indicating its waiting for the 3rd code and 4 flashes for the 4th code. If all 4 codes are learned, the unit will automatically exit code learning mode, otherwise turn key off and close hood.